play-data of the second and third page is sent from the first display control means **106** to the electronic papers **101**c and **101**d respectively, which is displayed on the display units **121**c and **121**d of the electronic papers **101**c and **101**d.

[0158] In addition, if the user uses the page feed button **302** including the page selecting means **108** described in embodiment 1 or 2, it is possible to display the display-data that the user wants to display out of the display-data consisting of more than 4 pages on the three electronic papers **101**b, **101**c and **101**d.

[0159] For instance, when these three electronic papers **101**b, **101**c and **101**d display pages from 1 to 3 of the display-data, the user wants the electronic papers **101**b, **101**c and **101**d to display pages from 2 to 4 of the display-data. Regarding such case, the explanation is made hereunder.

[0160] First, the user presses the page feed button **302**a and then presses the transfer button **310**. In result, the first display control means **106** obtains the display-data for pages from 2 to 4 from the first storage means **105** as described in embodiment 1. And while the first display control means **106** sends the display-data corresponding to the top page (in this case, the second page of the display-data) to the electronic paper **101**b, it sends the display-data of pages from 3 to 4 to the electronic paper **101**c and **101**d respectively.

[0161] In such case, the contents of the display-data are not taken into consideration, however, the display-data may be transferred on the basis of an ID number of the electronic paper **101** or an writing ID specifying the content of the display-data displayed on the electronic paper **101** (such as the file name or the page number of display-data). For instance, in case where the writing ID expresses a type of the electronic library, the cover **102** is arranged so as not to transfer the display-data to the electronic paper **101** that is displaying a type of the electronic library different from the one stored in the first storage means **105**.

[0162] In addition, the second storage means **105**b, **105**c and **105**d can be utilized as an extension memory of the first storage means **105**. For instance, in case where mass display-data is obtained through a storage medium or the Internet, such display-data sometimes cannot be sorted in the first storage means **105**. In this case, the data that cannot be stored in the first storage means **105** may be arranged so as to be stored in the second storage means **105**b, **105**c and **105**d.

[0163] Moreover, when the display-data is obtained through the storage medium or the Internet as above, it may be arranged that the user be able to select either one of the first storage means **105** or either one of the second storage means **105**b to **105**d to store the display-data. Otherwise, according to the user's selection, the display-data may be stored in a plurality of storage means. 26/01

[0164] Further more, when the user presses a push-button provided on the cover **102** (which is not shown in the drawing), the electronic paper detecting means **109** may detect an ID number of the electronic paper.

[0165] [EMBODIMENT 4]

[0166] The electronic paper file of this embodiment is configured so as to be a portable and notebook type, which is different from the conventional display device represented by the display. Therefore, the way to use a document to be

an object of the browsing or editing can be expected to change. That is to say, it has been general that the object document is displayed or edited by a personal computer, which is printed on papers in order to carry them. Meanwhile by using the electronic paper, the object document is stored in it, and the electronic paper itself is carried.

[0167] In such utilization, the electronic paper is expected to be able to perform the editing like the notebook made of paper (which is called "notebook" simply) in which the user can write (edit). The editing in this embodiment is to show the reading in Kana and write notes into character data, and to insert (overwrite) or move images that cannot be managed by character codes.

[0168] However, the character data is closely correlated with the write data as well as the character with the Kana. Therefore, at the editing (particularly at the time of the moving), there is a need to process the character data and the write data (image data) in parallel.

[0169] In addition, since the electronic paper file is provided with a plurality of electronic papers, when the data displayed on a specific electronic paper is edited, the edited contents must be reflected on the other electronic papers that are displaying data closely correlated with the edited contents at the same time.

[0170] Therefore, the invention of this embodiment adopts the following means in order to provide the electronic paper file in which a specific editing can be reflected on a plurality of electronic papers and it is possible to edit closely correlated characters and image data at the same time, and it is easy to operate the editing of each page.

[0171] As shown in **FIG. 29**, the electronic paper file **100** in the embodiment is configured that the cover **102** provided with the sending-receiving means **104** and the display light control means **23** on the spine board **103** is connected electrically and physically with electronic papers **101** provided with the display driver part **12** and the display unit **121**. The display light control means **23** in the embodiment transfers the display-data received from the sending-receiving means **104** to the electronic paper **101** as a specific bit of data, and controls the light of the luminous sheet B. The other components are the same as those in the embodiments 1 to 3, which is not explained in details here.

[0172] According to **FIG. 25**, the arrangement that the display-data is displayed on the display unit **121** is explained hereafter.

[0173] When a memory card **41** storing the display-data is connected with the sending-receiving means **104**, the display-data is read out by the sending-receiving means **104** and then transferred to the display light control means **23**. Thereby, the display light control means **23** divides the display-data into the character data and the image data, and then stores said data temporarily in the character storage means **42** and the image storage means **43** respectively.

[0174] Besides, the character data is the character code such as ASCII code and etc. while the image data is data of bitmap, for example. The dividing method into the character data and the image data is determined depending on a type of the display-data; accordingly the explanation is not made here.